



IOSIL ENERGY CORPORATION

Presented by

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FORUM EXPECTATIONS

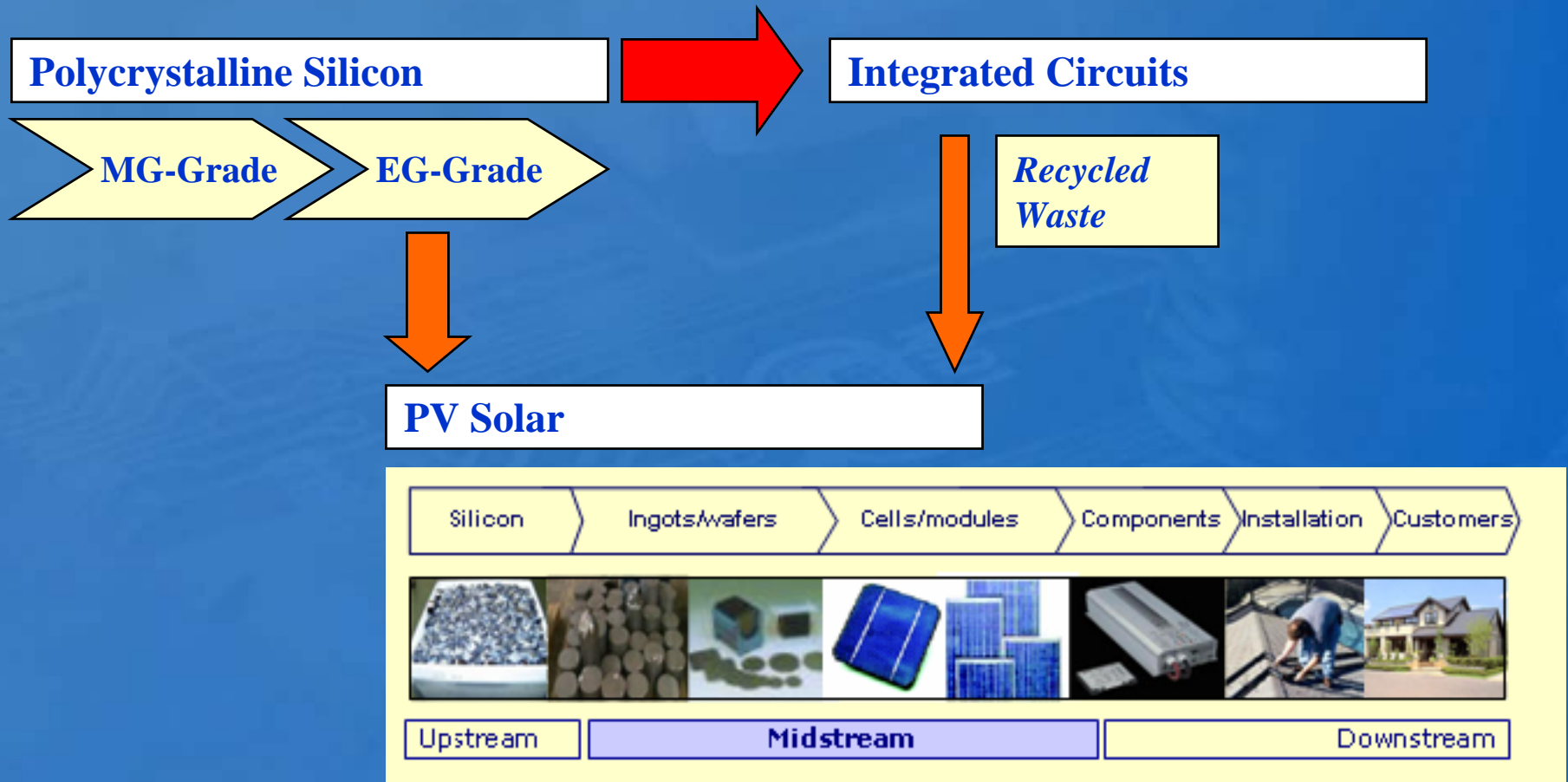
IOSIL is at an early stage . . .

- ◆ **Refine business model**
- ◆ **Explore collaborations with other organizations**
- ◆ **Identify seed and later-stage investors**

CORPORATE HISTORY

- ◆ **Canadian Co., Edmonton, AB**
- ◆ **Relocation to USA**
- ◆ **Identified the NREL technology**
- ◆ **Completed license negotiations**
- ◆ **Scoped technology plan**
 - Continuous process
 - Scale-up, high-volume production

SILICON SUPPLY CHAIN



SILICON SUPPLY CHAIN

IOSIL Polycrystalline Silicon

MG-Grade

PV-Grade

PV Solar

Silicon

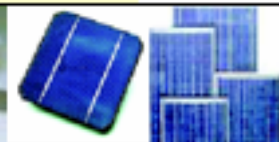
Ingots/wafers

Cells/modules

Components

Installation

Customers



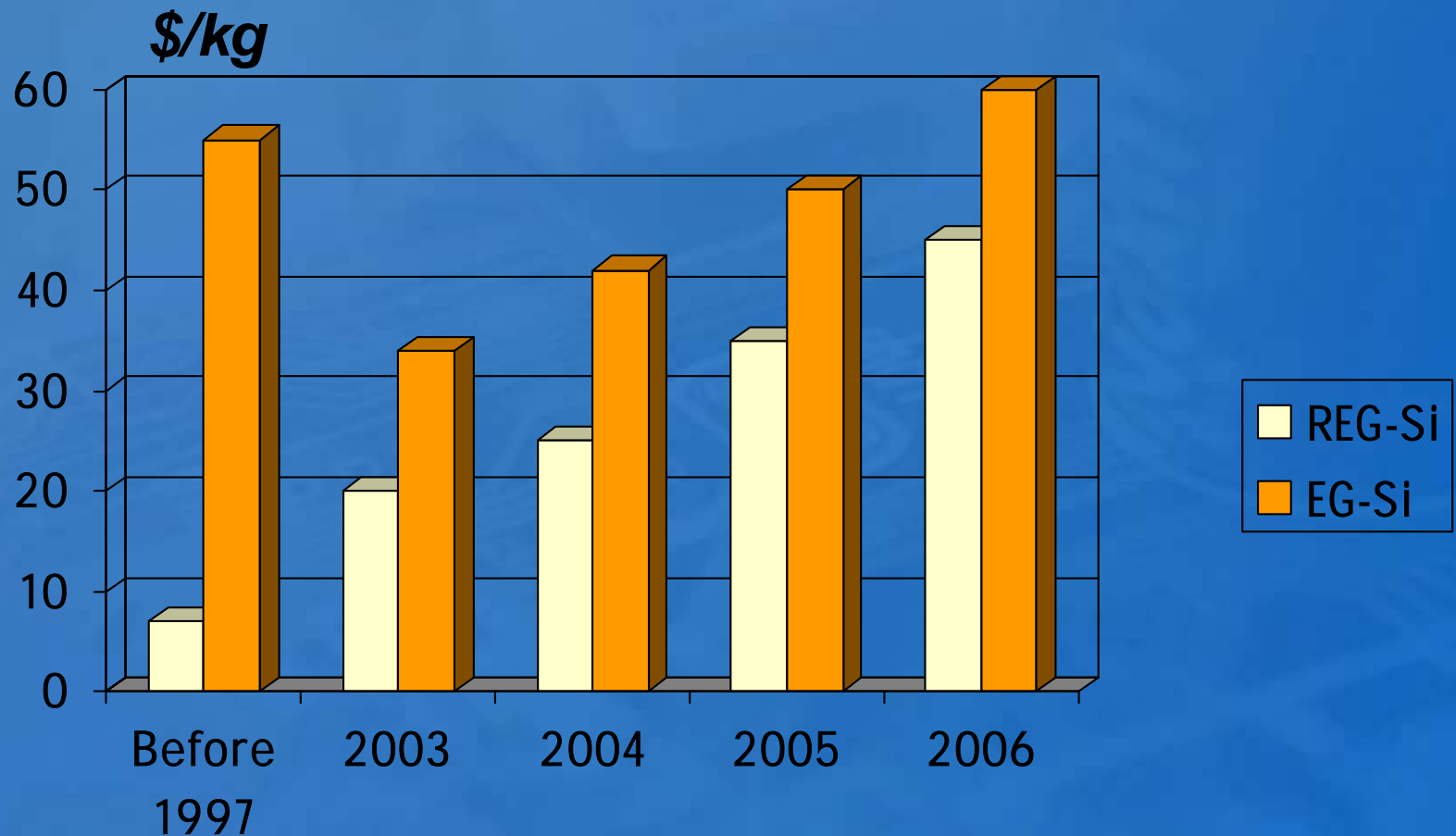
Upstream

Midstream

Downstream

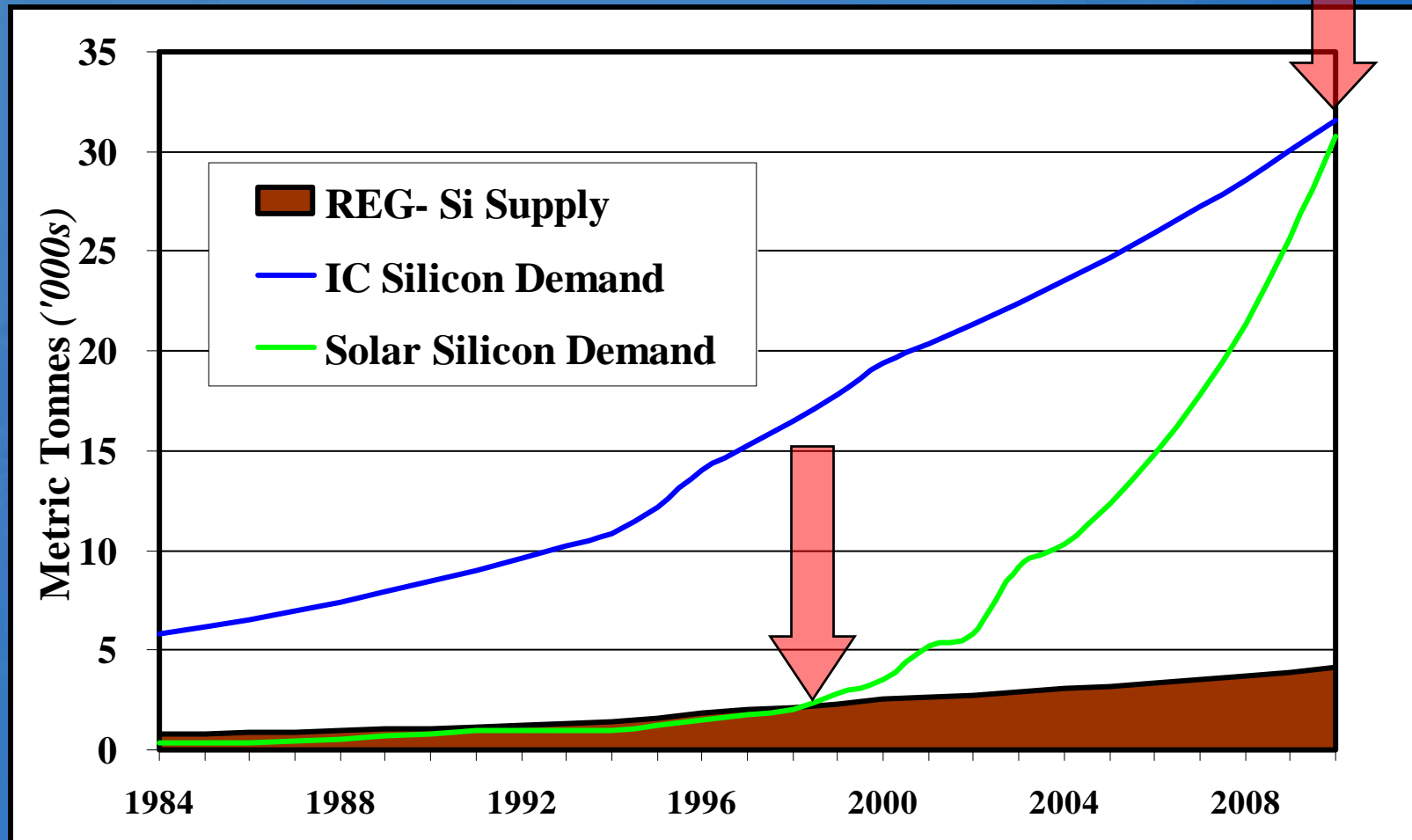
MARKET OPPORTUNITY

Product Pricing



MARKET OPPORTUNITY

Product Demand



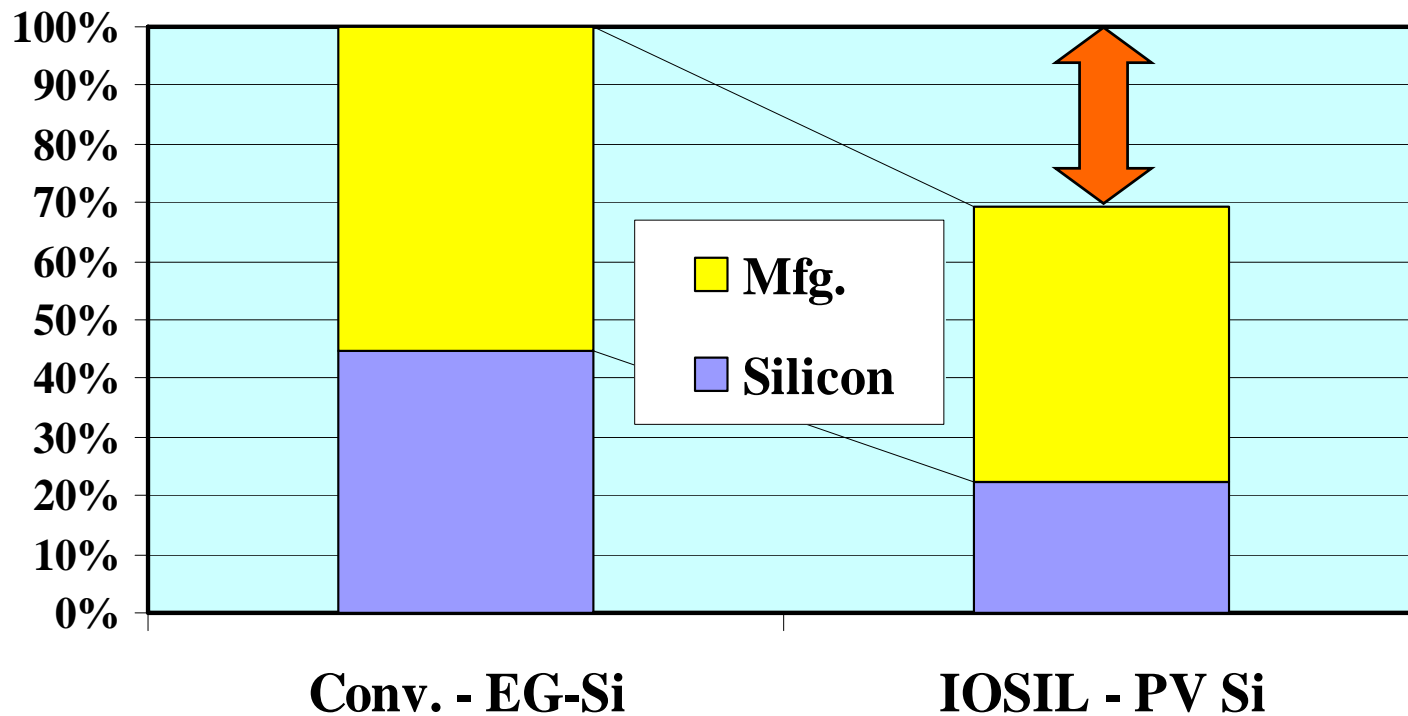
COMPETITIVE ADVANTAGE

Technology

	IOSIL	EG-Si Producers
Process Steps	< 0.5	1
Throughput	2 – 3	1
Explosion Hazard	Negligible	High
Corrosion	Med	High
Silicon Impurities	1000	1
CAPEX	< 0.5	1

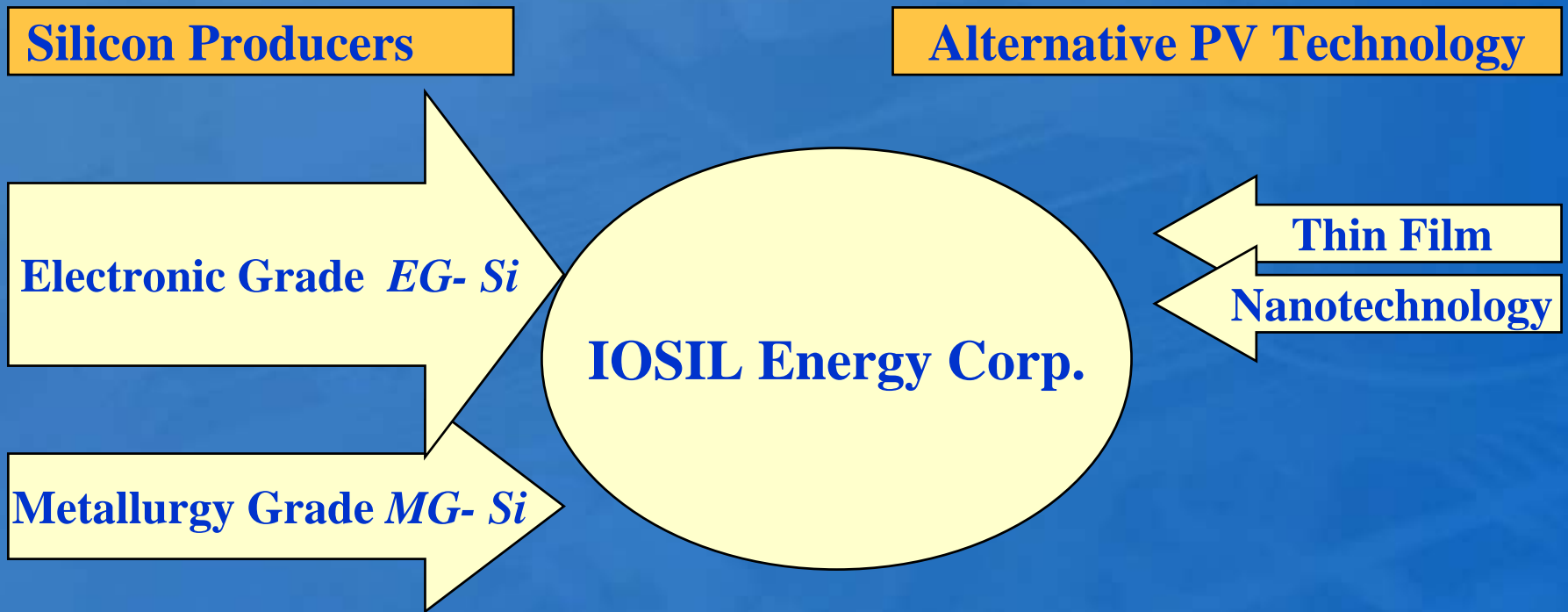
VALUE PROPOSITION - CUSTOMERS

Wafer Production Costs



INDUSTRY – COMPETITIVE FORCES

2005 - 2010



BUSINESS PATHWAY

- ◆ **Develop strategic partnership → commercial scale PV-Si facilities**
 - project engineering
 - manufacturing
 - distribution
- ◆ **2010 Goal → Capture 10% share of incremental demand of SG Silicon market (\$100 million)**

NEXT STEPS

DESIGN-BUILD PILOT PLANT

- ◆ **2 Years → \$2 Million investment**

INVESTMENT IMPACT

- ◆ **Meet Customer Si specs**
- ◆ **Expand IP portfolio**
- ◆ **Economics developed**

SUMMARY

- ◆ **High growth for PV Silicon**
- ◆ **Opportunity → low cost, SG silicon purity**
- ◆ **Patented technology & scale-up plan**